ECS/EMD Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Org.
Alexander Schuster	**03/16/2005**	**05-0115**		301-925-0519	3008B	COTS SW

8. CCR Title: : Install JDOM 1.0/Xerces 2.6.0 in EDF, VATC and PVC

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 03/18/05
Alex Schuster /s/ 03/16/2005	**IN**	**CCR**	

13. CCR Sponsor Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Pamela Johnson /s/ 03/16/2005	<mark>Update ECS/EMD Baseline Doc</mark>	Emergency

16. Documentation/Drawings Impacted (Review and submit checklist): 920-TDV-002, 920-TDP-002	17. Schedule Impact: N/A	18. CI(s) Affected: JDT, BMGT, External Subsetter

19. Release Affected by this Change: 7.03	20. Date due to Customer:	21. Estimated Cost: <mark>None - Under 100K</mark>

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCRs 39084, 42034 (top 10)

23. Problem: (use additional Sheets if necessary)
JDT needs JDOM 1.0 and Java plug-in 1.5.x in order for it to run with the latest Java plug-in as requested by LP DAAAC. JDT does not fully work with Java plug-in 1.4+ that LP DAAC's external users require to run other applications. JDT can be made to work with Java plug-in 1.5.x if JDOM is upgraded from version Beta 8 to version 1.0. Because of the performance enhancements of JDOM 1.0 over the current baseline version and to avoid maintaining multiple JDOM versions, JDOM is to be upgraded for Datapool, BMGT, and External Subsetter as well. (The product was previously installed on DataPool machines under an earlier CCR.)

24. Proposed Solution: (use additional sheets if necessary)
Using file "jdom-1.0.tar.gz" and attached instructions, install JDOM 1.0 on hosts f2ins02, f3ins02, f2acs01, f3acs01, f2acg01, f3acg01, solara, t1ins02, t1acs06, t1acg04, p2ins02, p2acs06, and p0acg05.

Tar file info: jdom-1.0.tar.gz   cksum : 1963118604   size: 3571788.   No license keys required.

25. Alternate Solution: (use additional sheets if necessary)

26. Consequences if Change(s) are not approved: (use additional Sheets if necessary)
External users at LP DAAC would be unable to use the same browser to run JDT and other applications that require Java plug-in 1.4.x or higher. Also, BMGT, DataPool, and External Subsetter users would be unable to benefit from JDOM 1.0 performance enhancements.

27. Justification for Emergency (If Block 15 is "Emergency"):
High priority for development testing.

28. Site(s) Affected: ☒EDF ☒PVC ☒VATC ☐EDC ☐ GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐ IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. SCDV CCB Chair (Sign/Date): **Byron V. Peters /s/ 03/16/2005**	**Disposition:** <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. EDF CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	**Disposition:** Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS